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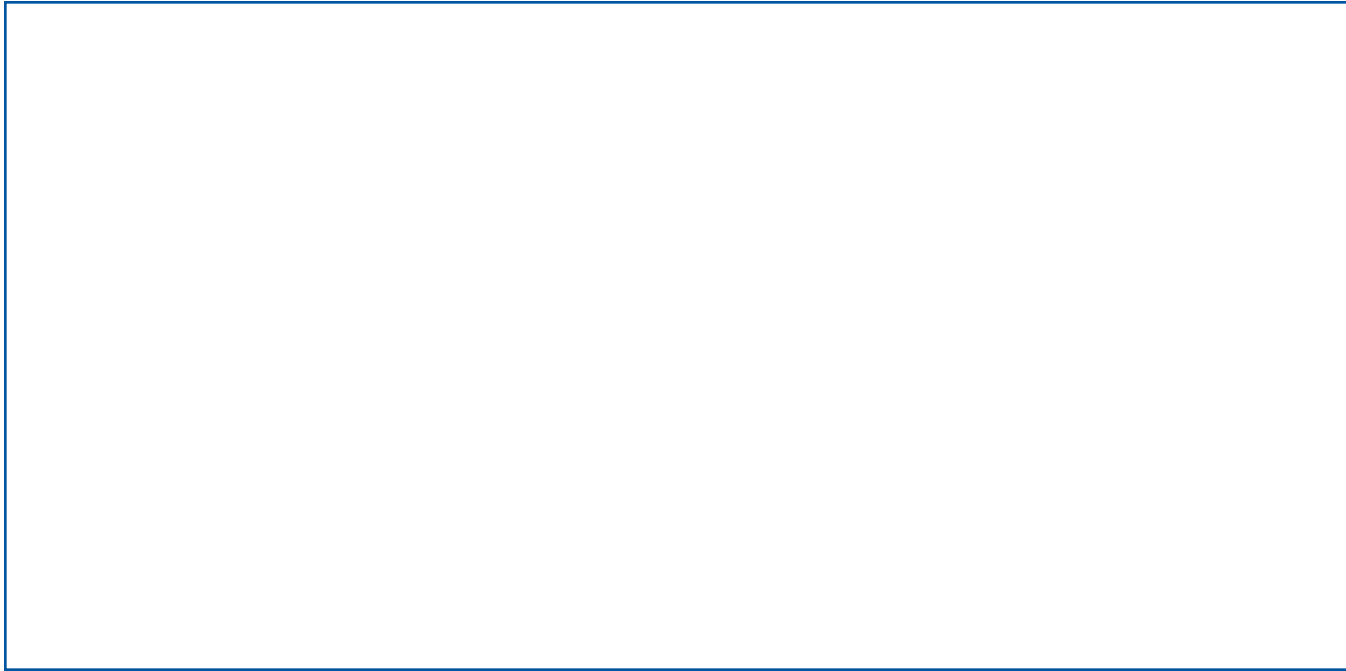
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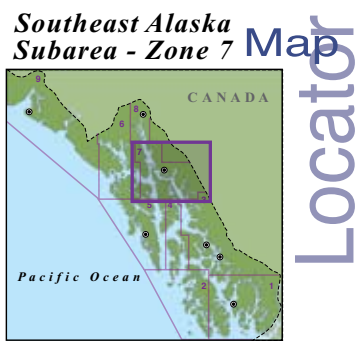
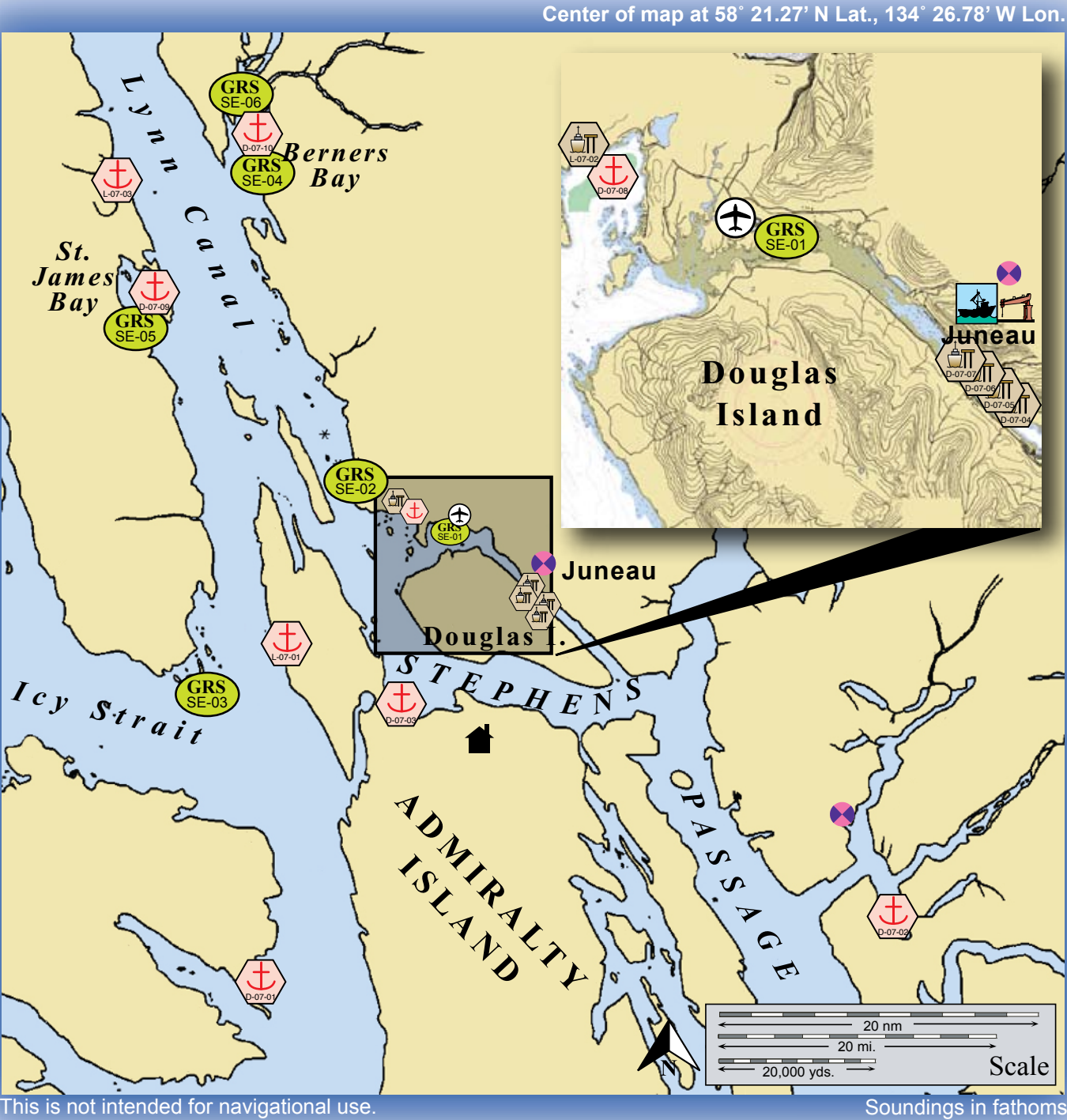


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Potential Places of Refuge for Southeast Alaska Subarea



	Anchorage		Existing GRS
	Mooring		Fish Hatchery
	Dock/pier		Private Cabins
	Crane		Public Use Cabins
	Airport		Boat Harbor

Southeast PPOR Map 07

USGS 1:969,756K Quadrangle Map Reference - Dixon Entrance to Cape St Elias - 16016_1

Site Considerations for PPOR Zone 07 of the Southeast Alaska Subarea													
	Lyoukeen Cove	Gilbert Bay	Young Bay	AJ Dock	South Franklin Dock	Cruise Ship Terminal/ Steamship Wharf	USCG Dock	Auke Bay	St James Bay	Berners Bay	Funter Bay	Auke Bay Ferry Terminal	William Henry Bay
ID Number	D-07-01	D-07-02	D-07-03	D-07-04	D-07-05	D-07-06	D-07-07	D-07-08	D-07-09	D-07-10	L-07-01	L-07-02	L-07-03
Human Health and Safety													
Community-distance to (nm)	27 to Tenakee Springs	37 to Juneau	26 to Juneau	1 to Juneau	.5 to Juneau	.5 to Juneau	0 to Juneau	8 to Juneau (via road system)	53 to Juneau	58 to Juneau	21 to Hoonah	12 to Juneau (via road system)	59 to Juneau
Health Care Facilities	Community Clinic at Tenakee Springs with limited emergency services	Full hospital services at Juneau									Community Clinic at Hoonah with limited emergency services	Full hospital services at Juneau	
Natural Resources Considerations													
Fish & Wildlife	Spawning salmon, seals, otters	Spawning salmon, seals, otters, seabird concentrations	Spawning salmon, seals, otters	Spawning salmon, seals, otters, seabird and shorebird concentrations				Spawning salmon, seals, sea lions, otters	Spawning salmon and herring, seals, sea lions, otters, seabird and shorebird concentrations	Spawning salmon, seals, otters	Spawning salmon, seals, otters, seabird and shorebird concentrations	Spawning salmon, seals, sea lions, otters	
Threatened & Endangered Species	No listed species present in the immediate area							Stellers sea lions (threatened) haul out nearby		No listed species present in the immediate area		Stellers sea lions (threatened) haul out nearby	
Sensitive Areas	No designated areas			MESA-61 nearby. Area designated as sensitive by SE GRS Workgroup				Area designated as sensitive by SE GRS Workgroup.		No designated areas	MESA-61 nearby. Area designated as sensitive by SE GRS Workgroup		
Other Stakeholder Considerations													
Fisheries	Salmon, Groundfish, Crab												
Historic Properties	Historic properties are present throughout the area.												
Mariculture	None	Salmon Hatchery	None	Salmon Hatchery					None			Salmon Hatchery	None
Subsistence	Low level local subsistence			High level of subsistence use-salmon, intertidal									
Tourism/Recreation	High Recreational Use-Sport fishing, wildlife viewing, excursion vessels, cruise ships, camping, hunting												
Waterfront Public Facilities/Parks	Tongass National Forest -No waterfront facilities		Tongass National Forest - Small recreational cabin in Admiralty Cove	Juneau Port and Harbor. Freight handling services, cranes, boat launch, tidal grid. Tongass National Forest				Tongass National Forest -No waterfront facilities			Juneau port and harbor. Freight handling services, cranes, boat launch, tidal grid. Tongass National Forest.	Tongass National Forest -No waterfront facilities	
Waterfront Private Facilities	None present		Small private dock	Numerous private docks and cargo handling capabilities.				None present			Numerous private docks and cargo handling capabilities.	None present	
Response and Salvage Resource Consideration													
Ability to Boom Vessel	Weather Dependent			Yes			Weather Dependent				Yes	Weather Dependent	
Geographic Response Strategies	None (2009)			SE07-01			SE07-01,02		SE07-05	SE07-04,06	SE07-03	SE07-01,02	None (2009)
Closest Alternative Place of Refuge for same sized vessel	30 to D-06-01	25 to D-03-04	24 to D-07-04	.25 to D-07-05	.25 to D-07-04	.25 to D-07-05	.3 to D-07-06	10 to D-07-03	12 to D-07-10	12 to D-07-09	23 to L-06-02	1 to D-07-08	14 to L-08-01

Site ID Number and Vessel Size Classification	
D = Deep Draft Vessel-lengths to 1,000 ft or greater, 20-40 ft of draft, greater than 10,000 GT	
L = Light Draft Vessel-up to 450 feet in length, draft up to 20 ft	

Stakeholders for PPOR Zone 07 of the Southeast Alaska Subarea											
Year-2009		Contact	Year-2009		Contact	Year-2009		Contact	Year-2009		Contact
Alaska Department of Fish & Game		Resource Manager	Central Council Tlingit-Haida Tribal		President	Haines Borough		Mayor	Sealaska Corporation		President
Alaska Department of Natural Resources		Resource Manager, State Historic Preservation Officer	City and Borough of Juneau		Mayor	Native Allotments		Dept of the Interior-Regional Environmental Officer	Tongass National Forest		Forest Supervisor

Physical and Operational Characteristics for PPOR Map 07 of the Southeast Alaska Subarea														
	Lyoukeen Cove	Gilbert Bay	Young Bay	AJ Dock	South Franklin Dock	Cruise Ship Terminal/ Steamship Wharf	USCG Dock	Auke Bay	St James Bay	Berners Bay	Funter Bay	Auke Bay Ferry Terminal	William Henry Bay	
ID Number	D-07-01	D-07-02	D-07-03	D-07-04	D-07-05	D-07-06	D-07-07	D-07-08	D-07-09	D-07-10	L-07-01	L-07-02	L-07-03	
Location (in the general area)	57°53.03'N 134°57.71'W	57°57.22'N 133°42.19'W	58°10.61'N 134°40.80'W	58°17.38'N 134°23.87'W	58°17.46'N 134°23.64'W	58°17.82'N 134°24.24'W	58°17.88'N 134°24.72'W	58°22.19'N 134°40.04'W	58°36.09'N 135°10.09'W	58°46.00'N 134°57.20'W	58°14.34'N 134°54.58'W	58°22.86'N 134°41.10'W	58°43.11'N 135°14.25'W	
Maximum Vessel Size	Deep Draft Vessels- lengths to 1000 feet or greater, 20-40 feet of draft, greater than 10,000 GT										Light Draft Vessel - up to 450 feet in length, draft up to 20 feet			
Type of Berthing	Anchorage			Dock			Anchorage				Dock	Anchorage		
Contact	N/A			Port Manager 907.586.1282	Operations Director 907.463.3900	Port Director 907.586.0292	Duty Officer 907.463.2248	N/A				907.465.3941	N/A	
Navigational Approach	Approach from the E	Approach from the N	Approach from the N-E	Approach using marked channel from the SE				Approach from the SW	Approach from the S	Approach from the SW	Approach from the W	Approach from the SW	Approach from the NE	
Minimum Water Depths (MLLW)	24 Fathoms	30 Fathoms	22 Fathoms	34 ft.	30 ft.	27-35 ft.	36 ft.	29 Fathoms	10 Fathoms	27 Fathoms	27 Fathoms	26 ft.	13 Fathoms	
Maximum Vessel Draft	40 ft.	40 ft.	40 ft.	30 ft.	30 ft. (Tidal Dependent)	27 ft. (Tidal Dependent)	35 ft.	40 ft.	40 ft.	40 ft.	20 ft.	20 ft.	20 ft.	
Swing Room or Dock Face (w/ dolphins)	3600 ft.	2800 ft.	3000 ft.	380 ft. (1100ft.)	960 ft.	1700 ft.	760 ft.	3600 ft.	2400 ft.	3000 ft.	1500 ft.	850 ft.	900 ft.	
Bottom Type	Sand	Mud	Mud, Gravel	N/A				Mud	Mud, Pebbles	Mud	Shells, Pebble	N/A	Sand	
Nearest Alternative Dock/Piers	73 nm to Port of Juneau	36 nm to D-07-04	25 nm to D-07-04	.25 nm to D-07-05	.25 nm to D-07-04	.25 nm to D-07-05	.3 nm to D-07-06	30 nm to D-07-04	48 nm to D-07-04	38 nm to D-08-01	49 nm to D-07-04	31 nm to D-07-04	30 nm to L-07-02	
Nearest Alternative Anchorage	35 nm to D-06-01	25 nm to D-03-04-Holkham Bay	12 nm to D-07-09	22 nm to D-07-03	22.25 nm to D-07-03	22.5 nm to D-07-03	23 nm to D-07-03	10 nm to D-07-03	12 nm to D-07-10	12 nm to D-07-09	23 nm to L-06-02	1 nm to D-07-09	14 nm to L-08-01	
Prevailing Winds	SE Winds prevail year round. SE gales may occur at any season, but they are much more frequent in winter than in summer.													
Currents	Minimal currents at anchorage	Significant currents at entrance to the bay	Minimal currents at anchorage	Mid-channel currents to 2 knts. Less current in wharves.				Minimal currents at anchorage				Minimal current at dock face	Minimal currents at anchorage	
Tides	N/A	Mean High 14.9 ft. (Higher 15.8) Mean Low 1.5 (Lower -5.5)	Mean High 14.2 ft. (Higher 15.0) Mean Low 1.3 (Lower -6.0)	Mean High 15.3 ft. (Higher 16.3) Mean Low 1.6 (Lower 0.0)				Mean High 15.0 ft. (Higher 15.9) Mean Low 1.5 (Lower 0.0)	Mean High 14.8 ft. (Higher 15.7) Mean Low 1.6(Lower -6.0)		Mean High 14.2 ft. (Higher 15.1) Mean Low 1.6 (Lower -6.0)	Mean High 15.0 ft. (Higher 15.9) Mean Low 1.5 (Lower 0.0)	Mean High 14.8 ft. (Higher 15.7) Mean Low 1.6 (Lower -6.0)	
Sea Conditions	Exposed to swells from the E	Exposed to swells from the N	Exposed to swells from the N	Sheltered				Exposed to swells from the S	Exposed to swells from the S	Exposed to swells from the SW	Exposed to swells from the W	Sheltered	Exposed to swell from the NE	
Shelter from Severe Storms	Sheltered from S-N storms	Sheltered from W-E storms	Exposed to storms from the NW					Sheltered from W-E storms	Sheltered from W-SE	Sheltered from W-S	Sheltered from NW-SE		Sheltered from E-N	
Fog	Frequent throughout the year. Heaviest from June-July.													
Ice	Generally ice free.													

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Southeast Alaska Subarea Contingency Plan: http://www.dec.state.ak.us/spar/perp/plans/scp_se.htm